

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) In an image rendering environment, a method for dynamically adding one or more document indicia to a document when rendering the document without using a printer driver, the method comprising:

providing a rendering job of a document as a single file in a native format that supports at least one of (i) multiple pages, and (ii) multiple images;

storing one or more document indicia as separate sub-images in the single file in the native format;

~~correlating~~ providing links within the file linking one or more pages of the document with one or more of the sub-images;

defining an ordered subset of the sub-images to apply to the document; and

rendering the rendering job at a rendering device without using a printer driver, wherein the rendering device:

receives the single file in the native format; and

renders the single file, wherein the one or more sub-images are rendered as parts of the one or more pages of the document based on an association process, using a process to associate the one or more sub-images with one or more of the pages of the document when rendering the document, wherein the association process is one of (i) an overlay process, (ii) an underlay process, and (iii) a composite process.

2. (previously presented) A method as recited in claim 1, wherein the native format is one of:

- (i) a tagged image file format; and
- (ii) a portable document format.

3. (original) A method as recited in claim 1, wherein the document indicia is disbound from page data of the rendering job.

4. (currently amended) A method as recited in claim 1, wherein ~~correlating-linking~~ one or more pages of the document with one or more of the sub-images comprises linking the one or more pages in a next list.

5. (currently amended) A method as recited in claim 1, wherein ~~correlating-linking~~ one or more pages of the document with one or more of the sub-images comprises sub-chaining the one or more sub-images from page images by a sub list.

6. (currently amended) A method as recited in claim 1, wherein ~~correlating-linking~~ one or more pages of the document with one or more of the sub-images comprises sub-chaining the one or more sub-images within sub-images.

7. (previously presented) A method as recited in claim 1, wherein defining an ordered subset of the sub-images comprises creating a set of instructions in one of (i) a dynamic manner, and (ii) a static manner.

8. (currently amended) A method as recited in claim 1, wherein the one or more sub-images are placed at one or more locations of the one or more pages of the document and at one or more scales defined by information included in the single file, the information being defined independently of the pages of the document. ~~wherein the overlay process includes applying an overlay on top of one of:~~

- (i) ~~a page image; and~~
- (ii) ~~another sub-image.~~

9. (currently amended) A method as recited in claim 1, wherein all the sub-images ~~subimages~~ in the single file are in the native format.

10. (original) A method as recited in claim 1, wherein the underlay process includes applying an underlay below at least one of:

- (i) a page image; and
- (ii) another sub-image.

11. (previously presented) A method as recited in claim 1, wherein the native format is an image format.

12. (currently amended) A method as recited in claim 1, wherein ~~using a process to associate the one or more sub-images with one or more of the pages of the document when rendering the rendering job document occurs within a printing device rendering and printing the document without rasterization and without the use of a printer driver.~~

13. (currently amended) In a printing environment, a method for adding document indicia when printing an image without the use of a printer driver, the method comprising:

using a multi-subfile extension to represent multiple sub-images of a TIFF image within a single TIFF document file, wherein data of the TIFF image is not converted into printing instructions by an application;

using an extension to group and locate the sub-images on a page;

providing one or more electronic tags of the TIFF document file to perform at least one of:

supporting an overlay of the multiple sub-images on the page;

supporting an underlay of the multiple sub-images on the page;

supporting a composite of the multiple sub-images on the page;

specifying a merge order of the multiple sub-images on the page;

specifying a location for merging the multiple sub-images on the page;

and

specifying any scaling of the multiple sub-images; and

selectively rendering the TIFF image based on the electronic tags.

14. (original) A method as recited in claim 13, wherein the overlay is applied on top of one of:

- (i) a page image; and
- (ii) another sub-image.

15. (currently amended) A method as recited in claim 13, wherein the electronic tags specify both a location for merging the multiple sub-images on the page and scaling of the multiple sub-images. ~~14, wherein the overlay is one of:~~

- ~~(i) a form;~~
- ~~(ii) a page numbering;~~
- ~~(iii) a header;~~
- ~~(iv) a footer; and~~
- ~~(v) a caption.~~

16. (original) A method as recited in claim 13, wherein the underlay is applied below at least one of:

- (i) a page image; and
- (ii) another sub-image.

17. (original) A method as recited in claim 16, wherein the underlay is a watermark.

18. (original) A method as recited in claim 13, wherein the merge is performed on a composite and at least one of:

- (i) a page image; and

(ii) another sub-image.

19. (currently amended) A computer readable medium storing a computer program product for implementing within a computer system a method for dynamically adding one or more document indicia to a document when rendering the document, the computer program product comprising computer program code means utilized to implement the method, wherein the computer program code means is comprised of executable code for:

initiating a rendering job of a document as a single file, wherein the rendering job is in a native image format that supports at least one of (i) multiple pages, and (ii) multiple images;

storing one or more document indicia as separate sub-images in the single file in the native image format along with images representing one or more pages of the document;

~~correlating-providing links within the file linking the one~~ or more pages of the document with one or more of the sub-images;

defining an ordered subset of the sub-images to apply to the document; and

using a process to associate the one or more sub-images with one or more of the pages of the document when rendering the document, wherein the process is one of (i) an overlay process, (ii) an underlay process, and (iii) a composite process.

20. (previously presented) A computer readable medium as recited in claim 19, wherein the native format is one of (i) a tagged image file format and (ii) a portable document format.

21. (currently amended) A computer readable medium as recited in claim 19, wherein ~~correlating one or more pages of the document with one or more of the sub-images providing~~ links comprises at least one of:

- linking the one or more pages in a next list;
- sub-chaining the one or more sub-images from page images by a sub list; and
- sub-chaining the one or more sub-images within sub-images.

22. (previously presented) A computer readable medium as recited in claim 19, wherein defining an ordered subset of the sub-images comprises creating a set of instructions in one of (i) a dynamic manner, and (ii) a static manner.

23. (previously presented) A computer readable medium as recited in claim 19, wherein the overlay process includes applying an overlay on top of a page image, wherein the underlay process includes applying an underlay below the page image, and wherein the composite process includes merging a composite and at least one of:

- (i) the page image; and
- (ii) another sub-image.

24. (currently amended) A computer readable medium as recited in claim 23, wherein the native format is a tagged image file format and the sub-images are placed at a location of the pages of the document and at a scale defined by tags included in an image file directory of the single file, the tags therefore being defined independently of the pages of the document defined by the tagged image file format. the overlay is one of:

- (i) — a form;

(ii) — a page numbering;

(iii) — a footer;

(iv) — a header; and

(v) — a caption.

25. (previously presented) A computer readable medium as recited in claim 23, wherein the underlay is a watermark.